

Title (en)
SYNCHRONIZATION DEVICE

Title (de)
SYNCHRONISATIONSEINRICHTUNG

Title (fr)
SYSTÈME DE SYNCHRONISATION

Publication
EP 2766623 A1 20140820 (DE)

Application
EP 12770065 A 20120926

Priority
• DE 102011084417 A 20111013
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Abstract (en)
[origin: WO2013053599A1] A synchronization device (1) for a gearbox, with a sliding sleeve (3), a blocking synchronizing ring (4) and a ratchet wheel (6). In a force flux region (k) between the blocking synchronizing ring (4) and the ratchet wheel (6), ramps (12) are provided on at least one component in order to produce an axial servo force (Fs) with respect to the shaft (W).

IPC 8 full level
F16D 23/02 (2006.01); **F16D 23/06** (2006.01)

CPC (source: EP US)
F16D 11/14 (2013.01 - US); **F16D 23/025** (2013.01 - EP US); **F16D 23/06** (2013.01 - EP US); **F16H 3/083** (2013.01 - US); **F16D 2023/065** (2013.01 - EP US); **F16D 2023/0681** (2013.01 - EP US); **Y10T 74/19284** (2015.01 - EP US)

Citation (search report)
See references of WO 2013053599A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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